

18 MAR

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25X1A

18 MAR 1971

MEMORANDUM FOR: Director of Special Activities

ATTENTION: Communications Division/Operations

25X1A

SUBJECT: Evaluation of Ground Site [] Tapes

1. The following comments concern evaluation of []
 [] recordings from [] for the period
 17 July 1970 through 5 February 1971. The tapes evaluated were:

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<u>Date</u>	<u>Mission</u>	<u>Station</u>
17 July 70	HT-70-247	[]
29 Oct 70	HT-70-368	
17 Nov 70	HT-70-386	
24 Nov 70	HT-20-397	
14 Dec 70	C-220-C	
28 Dec 70	HT-70-421	
4 Jan 71	HT-71-001	

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NRO review(s)
 completed.

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GROUP 1
 Excluded from automatic
 downgrading and
 declassification

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<u>Date</u>	<u>Mission</u>	<u>Station</u>
8 Jan 71	C-011-C	
8 Jan 71	C-011-C	
11 Jan 71	HT-71-008	
19 Jan 71	021B	
21 Jan 71	031A	
22 Jan 71	HT-71-020	
30 Jan 71	C-031-C	
30 Jan 71	C-031-C	
1 Feb 71	051A	
1 Feb 71	041A	
5 Feb 71	HT-71-035	
5 Feb 71	HT-71-036	

2. With the exception of [] 25X1A
 C-031-C, the (record) gain of the recorder appeared to be set at
 such a level as to cause the [] to overdrive the recorder 25X1A
 and saturate the magnetic tape. In several cases, normal noise
 and interfering signals caused saturation of the recording. All
 signals recorded and "readout" on the CEC oscillograph were of
 sufficient quality to provide the information desired.

3. The [] had 25X1A
 poor quality with amplitude variations from 0.5 volts to 1.5 volts
 noted. Although the frequency of the [] recorded on the 25X1A
 remaining tapes varied from tape-to-tapes, the variation on any one
 tape did not hinder analysis.

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4. The inclusion of channel allocations, speed, etc. represents a considerable improvement in record logs. This will facilitate analysis and will prove even more beneficial in deployments such as [redacted] where several recorders and various speeds are used.

GEORGE C. MILLER
Director of ELINT
DD/S&T

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